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| | | | | Application Number | | |
| INFO | RMATION D | DISC | LOSURE | Filing Date | | |
| | TEMENT BY | | | First Named Inventor | KANG, Seogchan et al. | |
| 0.77 | | ,,,, | | Art Unit | | |
| (L | ise as many sheets | s as ne | cessary) | Examiner Name | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | P06604US00 | |

| | U.S. PATENT DOCUMENTS | | | | | | |
|----------------------|-----------------------|---|--------------------------------|--|---|--|--|
| Examiner Initials | Cite No.1 | Document Number . Number - Kind Code ² (if known, | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | |
| NV | 1 | US- 4,885,249 | 12/04/1989 | Buxton et al. | | | |
| 1 | 2 | US- 5,464,764 | 11/07/1995 | Capecchi et al. | | | |
| | 3 | US- 6,090,554 | 07/18/2000 | Woychik et al. | | | |
| | 4 | US- 6,255,115 B1 | 07/03/2001 | Beijersbergen et al. | | | |
| | 5 | US- 6,503,712 B1 | 01/07/2003 | Thukral | | | |
| 1 | 6 | US- 6,562,624 B2 | 05/13/2003 | Adachi et al. | | | |
| V | 7 | US- 6,673,567 B2 | 01/06/2004 | Sharpe et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| Examiner Initials * | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (il known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passag or Relevant Figures Appear | ۲. | |
| NV | 8 | WO 02/00896 A2 | 01/03/2002 | Penn State Research Foundation; Romaine, et al. | | | |
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| | | | | | Application Number | | |
| INFOF | RMATION D | ISCI | LOSI | JRE | Filing Date | | |
| | EMENT BY | | | | First Named Inventor | KANG, Seogchan, et al. | |
| | | • • | , | | Group Art Unit | | |
| (Use | as many sheets | as nec | cessary | <u>) </u> | Examiner Name | | |
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| | | OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | |
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| Examiner Initials * | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
| NV | 9 | Donoho, Greg, et al. "Analysis of Gene Targeting and Intrachromosomal Homologous Recombination Stimulated by Genomic Double-Strand Breaks in Mouse Embryonic Stem Cells" Molecular and Cellular Biology, July 1998, p. 4070-4078 | |
| NV | 10 | Gelvin, Stanton B. "Agrobacterium-Mediated Plant Transformation: the Biology behind the "Gene-Jockeying" Tool" Microbiology and Molecular Biology Reviews, March 2003, p. 16-37 | |
| NV | 11 | Hellens RP, et al. "pGreen: a versatile and flexible binary Ti vector for Agrobacterium-mediated plant transformation." Abstract Plant Mol. Biol. April 2000 | - |
| NV | 12 | Krysan, Patrick J., et al. "T-DNA as an Insertional Mutagen in Arabidopsis" Genomics Article, The Plant Cell, Vol. 11, 2283-2290, December 1999 | |
| NV | 13 | Piers, Kevin L., et al. "Agrobacterium tumefaciens-mediated transformation of yeast" Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 1613-1618, February 1996 Microbiology | |
| NV | 14 | Pratt, Robert J., et al. "Improving the efficiency of gene replacements in <i>Neurospora crassa</i> : a first step towards a large-scale functional genomics project" Fungal Genetics and Biology 37 (2002) 56-71 | |
| NV | 15 | Sullivan, Thomas D., et al. "Agrobacterium tumefaciens Integrates Transfer DNA into Single Chromosomal Sites of Dimorphic Fungi and Yields Homokaryotic Progeny from Multinucleate Yeast" Eukaryotic Cell, Dec. 2002, p. 895-905 | |
| NV | 16 | Tzfira, Tzvi et al. "The Agrobacterium-Plant Cell Interaction. Taking Biology Less from a Bug ^{1,2} * Plant Physiology, November 2003, Vol. 133, pp. 943-947 | |
| NV | 17 | Van Attikum, Haico et al. "Genetic requirements for the targeted integration of Agrobacterium T-DNA in Saccharomyces cerevisiae" Nucleic Acids Research, 2003, Vol. 31, No. 3, 826-832 | |
| NV | 18 | Wei, Li, et al. "Agrobacterium-mediated transformation: state of the art and future prospect" Chinese Science Bulletin, Vol. 45, No. 17, September 2000 | |
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| Examiner Signature | /Nancy Vogel/ | Date Considered | 10/26/2006 |
|-----------------------|---------------|--------------------|------------|

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